



Product Specification

Product Name: 4-Methylumbelliferyl- β -D-glucopyranoside
Cat #: M-640
CAS #: 18997-57-4
Storage: Store at -20°C. Protect from light.

Test	Specifications
Color	white to off-white
Form	powder
Color of Solution (3% in water/acetone 1:2)	colorless
Turbidity (3% in water/acetone 1:2)	max. 11 NTU
Water Content (K. Fischer)	max 2.0%
Specific Optical Rotation $[\alpha]_D$ (c = 0.3 in water, 20°C)	-103.0 to -97.0
Purity (TLC)	min. 99 area-%
Free 4-MU (100mg in 3mL of water/acetone 1:2; toluene/acetone 5:1; UV 366nm after treating with ammonia)	max. 10 mg/kg
FT-IR Spectrum	corresponds to reference spectrum

GOLD BIOTECHNOLOGY, INC. provides this Product Specification in good faith. Specifications are subject to change.

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